

January 24, 2018

07972 Version 4

MIL Comes On with DTC P0430 (Front Bank Catalyst System Efficiency Below Threshold [Bank 2])

Supersedes 17-036, dated September 13, 2017; to revise the section highlighted in yellow

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2016	Pilot	ALL	ALL
2017	Pilot	2WD	5FNYP5...HB000001 – 5FNYP5...HB028096
		AWD	5FNYP6...HB000001 – 5FNYP6...HB058227
2017	Ridgeline	ALL	ALL
2018	Odyssey	ALL	5FNRL6...JB000001 – 5FNRL6...JB014843

REVISION SUMMARY

- Updated VIN ranges on AFFECTED VEHICLES
- Updated i-HDS Software Version in SOFTWARE INFORMATION
- Updated J2534 database update in SOFTWARE INFORMATION
- Updated screens in REPAIR PROCEDURE

SYMPTOM

The MIL comes on with DTC P0430 (front bank catalyst system efficiency below threshold [Bank 2]).

POSSIBLE CAUSES

The PCM software may misinterpret sensor inputs as a deteriorated catalytic converter.

CORRECTIVE ACTION

Update the PGM-FI software.

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255C1	Update the PGM-FI software.	0.2 hr	03214	03217	17-036B	37805-RLV-315
B	Confirm 9AT software update only - add.	0.1 hr				

NOTE: Use the warranty information below only if the 9AT software update was required.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
1255C1	Update the PGM-FI software.	0.2 hr	03214	03217	17-036C	37805-RLV-315
B	Confirm 9A/T software update only - add.	0.1 hr				
C	Do the 9A/T software update - add.	0.1 hr				

Skill Level: Repair Technician

SOFTWARE INFORMATION

NOTE: Unnecessary or incorrect repairs resulting from a failure to update the i-HDS or MVCI are not covered under warranty.

i-HDS Software Version: **1.004.005** or later

J2534 Software Information:

PC Application Version **1.1.0.2** or later

Database update **09-NOV-2017** or later

Before beginning the repair, make sure that both the i-HDS and J2534 software are updated as listed above.

Do only the update listed in this service bulletin.

You cannot apply the updates with the MVCI as a standalone tool. To update the vehicle, you must use the DST-i interface or MVCI in conjunction with the J2534 Rewrite PC application on the i-HDS.

For more information about updating the i-HDS, the MVCI, and vehicle systems, refer to Service Bulletin 01-023, *Updating Control Units/Modules*.

Year/Model		Program ID (or later)	Program P/N (or
2016 Pilot	LX 2WD	LV3150	37805-RLV-315
	EX 2WD		
	EX-L 2WD		
	EX-L (NAVI) 2WD		
	EX-L (RES) 2WD		
	LX 4WD	LV3160	37805-RLV-316
	EX 4WD		
	EX-L 4WD		
	EX-L (NAVI) 4WD		
	EX-L (RES) 4WD		
	EX (Sensing) 2WD	LV3170	37805-RLV-317
	EX-L (Sensing) 2WD		
	EX (Sensing) 4WD	LV3180	37805-RLV-318
	EX-L (Sensing) 4WD		
	*TRG (9A/T) 2WD	LV4060	37805-RLV-406

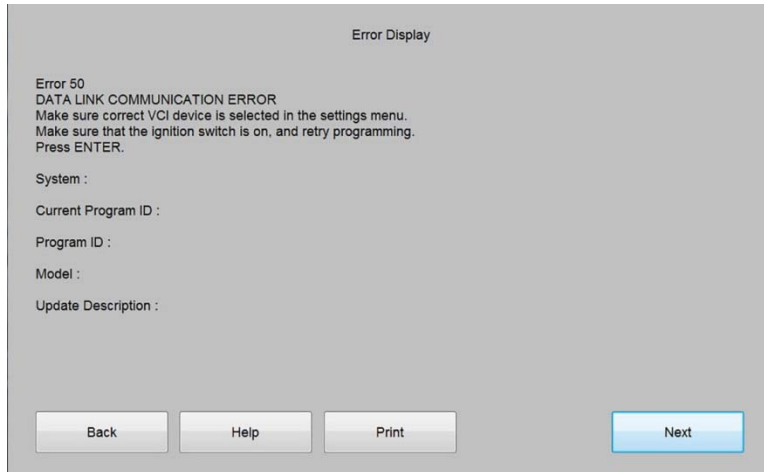
	*TRG (9A/T) 4WD	LV4070	37805-RLV 407
	*Elite (9A/T) 4WD		
2017 Pilot	LX 2WD	LVC030	37805-RLV-C03
	EX 2WD		
	EX-L 2WD		
	EX-L (NAVI) 2WD		
	EX-L (RES) 2WD		
	LX 4WD	LVC130	37805-RLV-C13
	EX 4WD		
	EX-L 4WD		
	EX-L (NAVI) 4WD		
	EX-L (RES) 4WD		
	EX (Sensing) 2WD	LVC230	37805-RLV-C23
	EX-L (Sensing) 2WD		
	EX (Sensing) 4WD	LVC330	37805-RLV-C33
	EX-L (Sensing) 4WD		
	*TRG (9A/T) 2WD	LVC430	37805-RLV-C43
	*TRG (9A/T) 4WD	LVC530	37805-RLV-C53
	*Elite (9A/T) 4WD		
2018 Odyssey	*LX	MRA040	37805-5MR-A04
	*EX	MRA250	37805-5MR-A25
	*EX-L		
	*EX-L (NAVI, RES)		
	TRG	MRA750	37805-5MR-A75
	Elite		
2017 Ridgeline	RTL 4WD	MJA560	37805-5MJ-A56
	RTL-T 4WD		
	Sport 4WD		
	Black 4WD	MJA760	37805-5MJ-A76
	RTL-E 4WD		
	RT 2WD	MJA060	37805-5MJ-A06
	RTL 2WD		
	RTL-T 2WD		
	Sport 2WD		

* Confirm that the 9A/T software is up-to-date

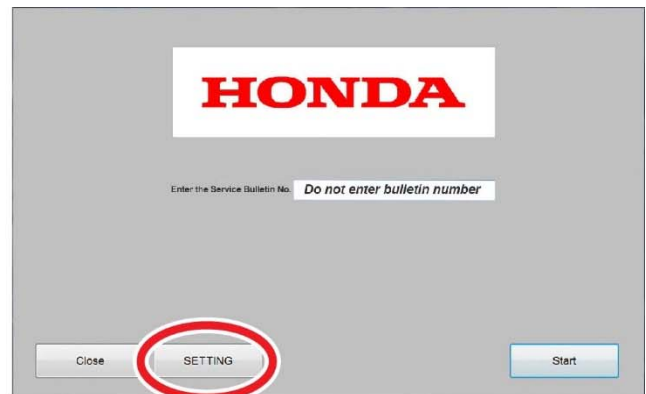
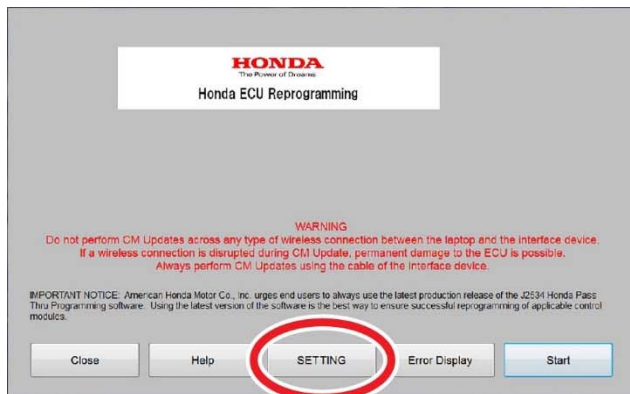
REPAIR PROCEDURE

NOTE:

- You cannot update the vehicle using the MVCI as a standalone tool.
- **Do not** use the MongoosePro VCI tool.
- Make sure the 12-volt battery is fully charged before starting an update.
- Connect a fully charged jumper battery to the vehicle, and leave it connected during the entire procedure to maintain steady voltage.
- Never turn the ignition to OFF or ACCESSORY during the update. If there is a problem with the update, leave the ignition turned to ON.
- To prevent PCM damage, do not operate anything electrical (headlights, audio system, brakes, A/C, power windows, door locks, etc.) during the update.
- If you see the following **Error Display**, check that you are using the correct tool (MVCI or DST-i) with the i-HDS.

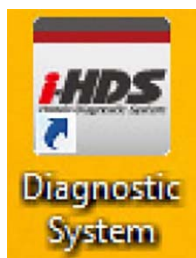


To change this, click on either of the **SETTING** selection buttons at the bottom of the J2534 initial screens as shown.

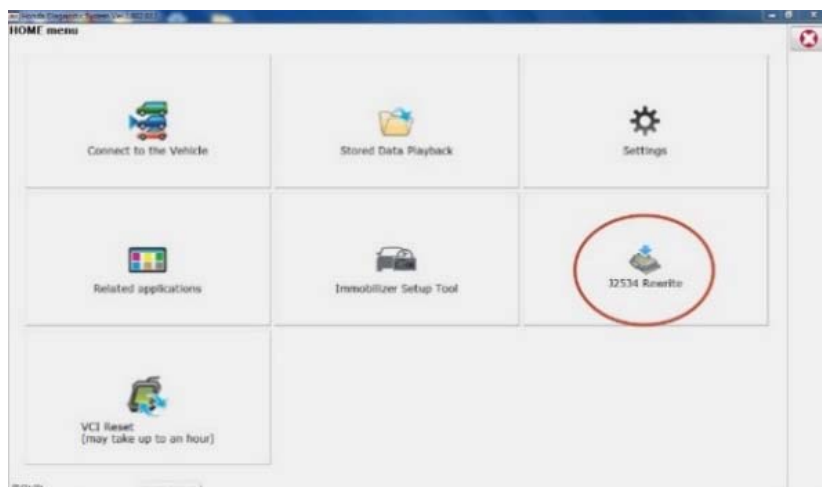


1. Update the PGM-FI or A/T software by selecting the **i-HDS Diagnostic System** icon. Refer to service bulletin 01-026, *Updating Control Units/Modules*.

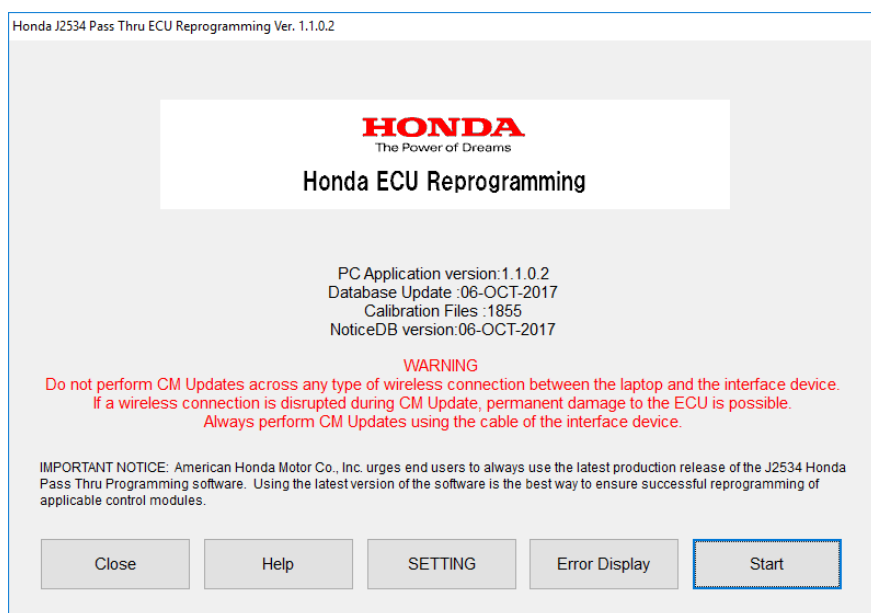
NOTE: Do not use the **Rewrite** icon on your desktop.



2. Select **J2534 Rewrite**.



3. Confirm the software is the same **or later** as listed in SOFTWARE INFORMATION.



4. Select **Start**, then follow the screen prompts.

NOTE:

- Do not enter a bulletin number.
- If you receive a message that the vehicle has been already updated or that no update is available, check the **PGM-FI Data List**. The header should indicate one of the following numbers (or later):

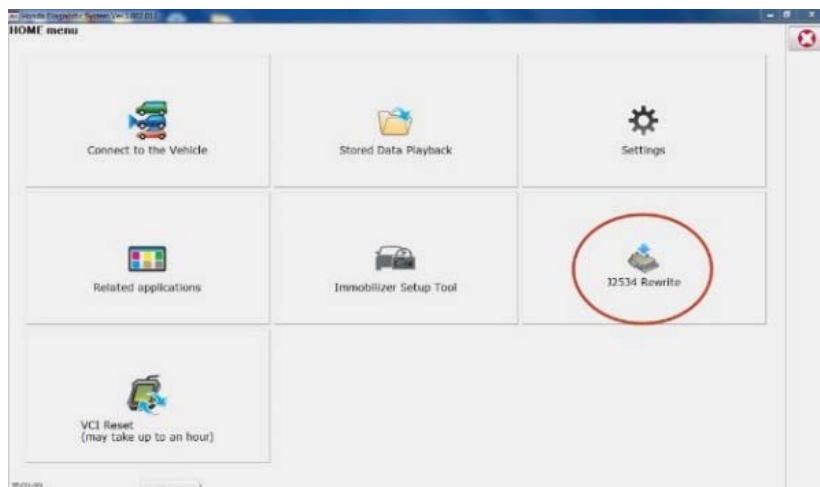
37805-RLV-315	37805-RLV-316	37805-RLV-317	37805-RLV-318
37805-RLV-406	37805-RLV-407	37805-RLV-C03	37805-RLV-C13
37805-RLV-C23	37805-RLV-C33	37805-RLV-C43	37805-RLV-C53
37805-5MR-A04	37805-5MR-A25	37805-5MR-A75	37805-5MJ-A56
37805-5MJ-A76	37805-5MJ-A06		

- If the program part numbers do not match those listed above, the i-HDS software needs to be reinstalled. Contact the Special Tools Hotline at **800-346-6327** for assistance.



Confirm 9AT Software is Up to Date

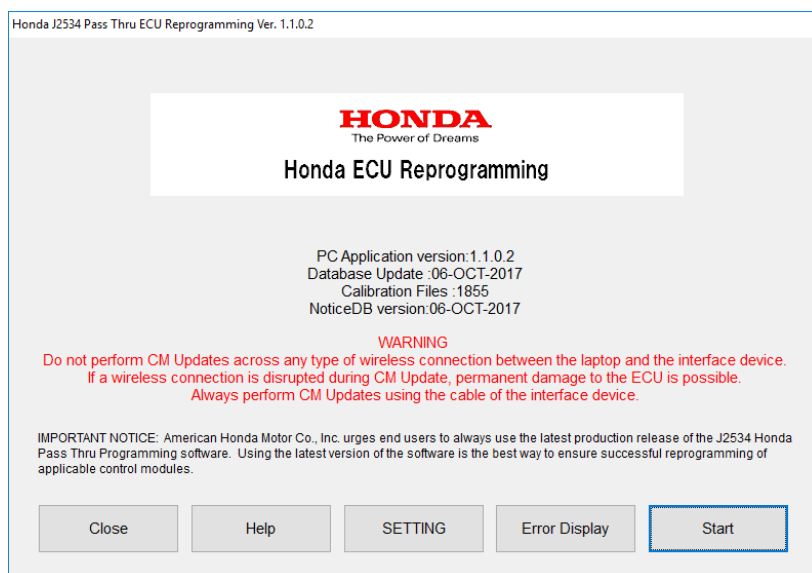
1. Select **J2534 Rewrite**.



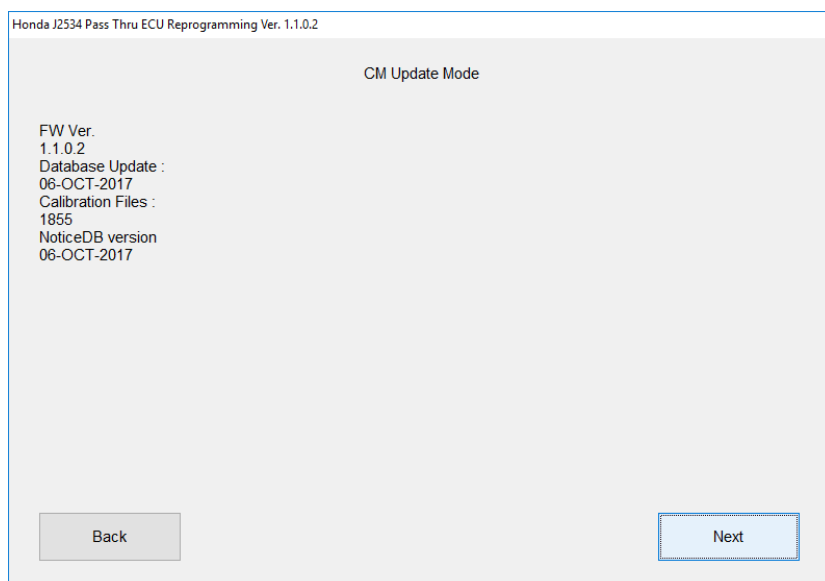
2. Select **Start**.



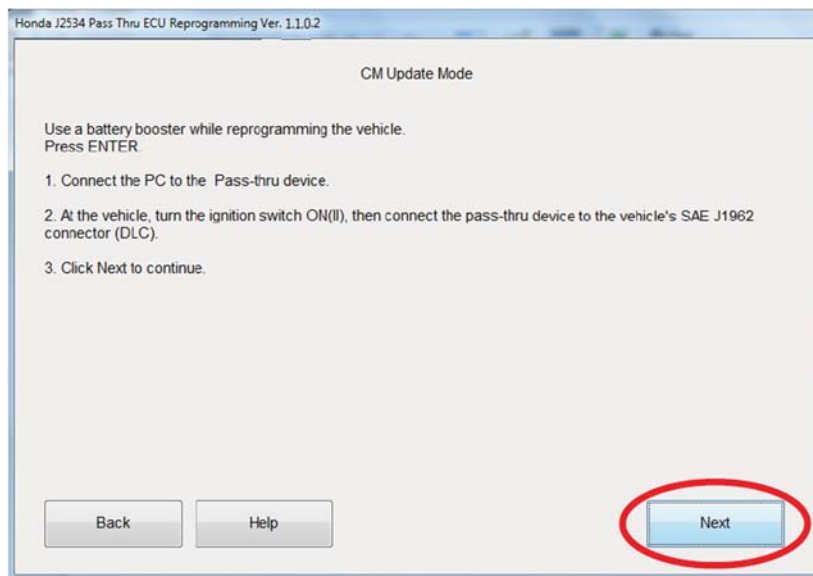
3. Select **Start**.



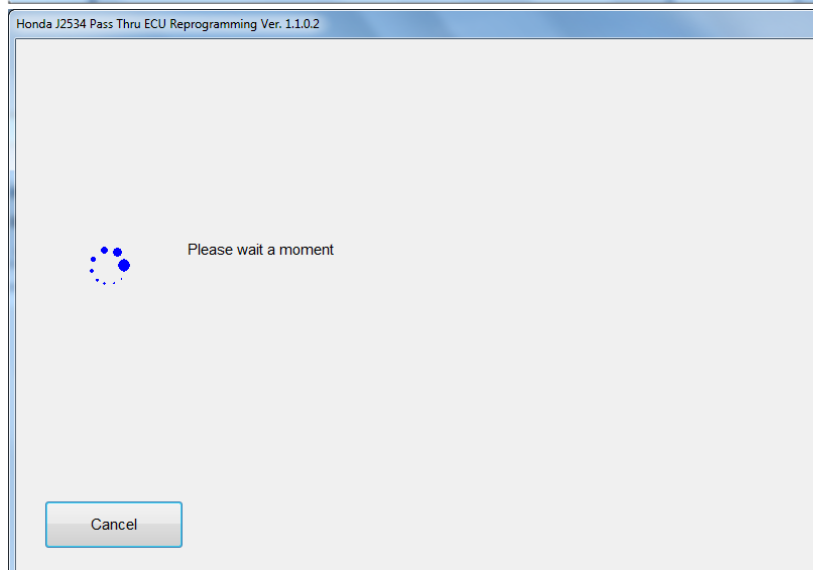
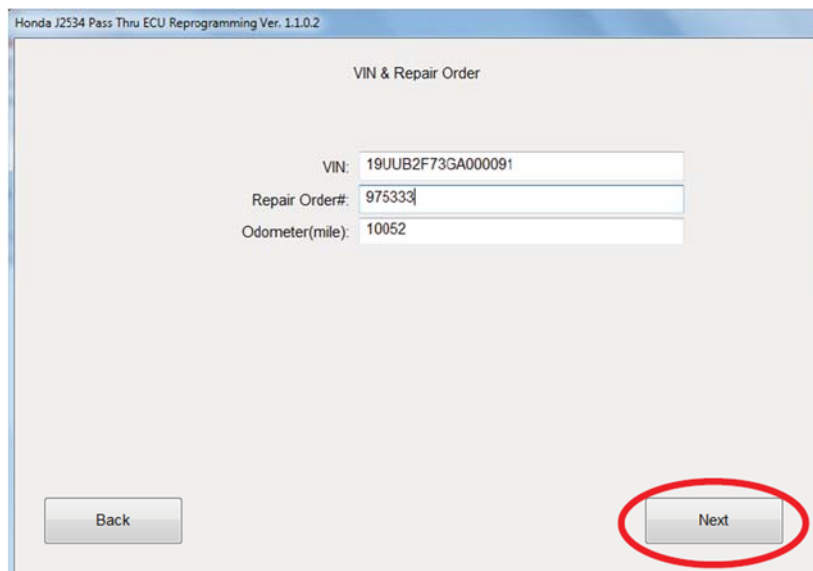
4. Select **Next**.



5. Select **Next**.

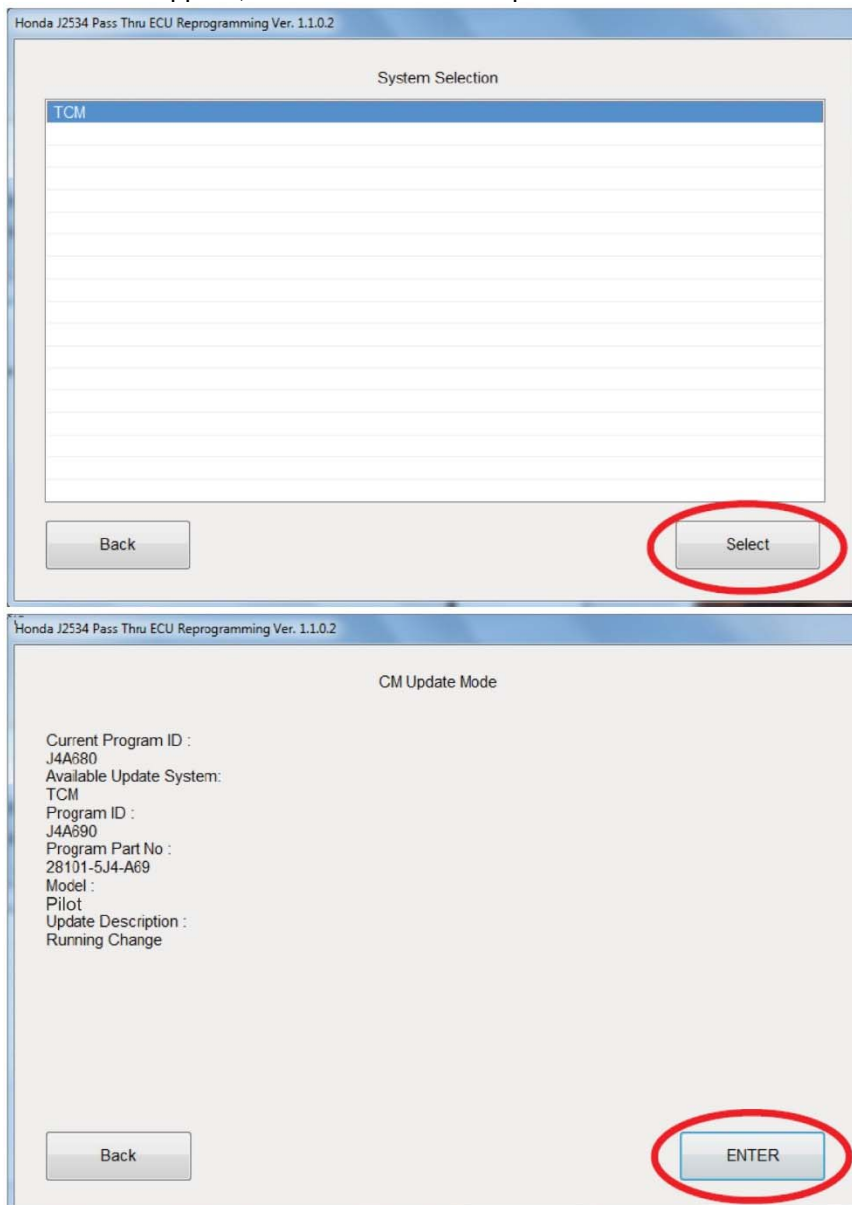


6. Select **Next**, and a loading screen will appear.



7. Check if **TCM** appears under **System Selection**?

- If it appears, choose **Select** then **ENTER** on the next screen to update the TCM software.
- If it does not appear, the TCM software is up to date.



8. Do the PCM idle learn procedure. Refer to the service information.

END